

ISO Property

INFINO.	Grade	TK-4046H
	Resin Type	PPA/GF

Item	Measuring Method	Condition	Unit	Value
Physical				
Specific Gravity	ISO 1183	Natural or representative color	-	1.56
Melt Flow Index	ISO 1133	330 °C, 5kg	g/10min	5
ASH Content	ISO 3451	-	%	41
Mechanical				
Tensile Strength at Yield	ISO 527	50mm/min	MPa	72
Tensile Strain at break	ISO 527	50mm/min	%	1.3
Flexural Strength	ISO 178	2mm/min	MPa	122
Flexural Modulus	ISO 178	2mm/min	MPa	6900
Izod Impact Strength (notched)	ISO 180 1A	at 23°C, 4mm	KJ/m ²	2.8
Charpy Impact Strength (V-notched)	ISO 179 1eA	at 23°C, 4mm	KJ/m ²	2
Rockwell Hardness	ISO 2039-2	R-scale	-	122
Flammability				
Flammability	UL94	HB	mm	1.5

1. The value above is the representative value of the NP or representative color and may have deviation. It can only be used for selecting materials.
2. The value above shall not be regarded as a material specification and cannot be used for molding designs.

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